

02323100.TXT  
SEQUENCE LISTING

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HENNEGAN, KEVIN  
HUANG, NING

<120> METHODS OF EXPRESSING HETEROLOGOUS PROTEIN IN PLANT  
SEEDS USING MONOCOT NON SEED-STORAGE PROTEIN PROMOTERS

<130> 023231-00033

<140> 10/584,225

<141> 2007-07-13

<150> PCT/US03/39107

<151> 2003-12-23

<160> 10

<170> PatentIn Ver. 3.3

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
primer

<400> 1

gggaatattg taccagccgc caacttctga 30

<210> 2

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
primer

<400> 2

ccgctgcagc tccaacatct tatcgcaaca tcc 33

<210> 3

<211> 393

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
polynucleotide

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cgcgcaacca actacaacgc cggcgaccgc tccaccgact acggcatctt ccagatcaac 180  
tcccgtact ggtgcaacga cggcaagacg cccggggccg tcaacgcctg ccacctctcc 240  
tgctcggccc tgctgcaaga caacatcgcc gacgccgtcg cgtgcgcgaa gcgcgtcgtc 300  
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393

<210> 4  
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 <212> DNA  
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 <223> Description of Artificial Sequence: Synthetic polynucleotide

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 caaagtttgc attctccact gacataatgc aaaataagat atcatcgatg acatagcaac 180  
 tcatgcatca tatcatgcct ctctcaacct attcattcct actcatctac ataagtatct 240  
 tcagctaaat gttagaacat aaacccataa gtcacgtttg atgagtatta ggcgtgacac 300  
 atgacaaaac acagactcaa gcaagataaa gcaaaatgat gtgtacataa aactccagag 360  
 ctatatgtca tattgcaaaa agaggagagc ttataagaca aggcattgact cacaaaaatt 420  
 cacttgccct tcgtgtcaaa aagaggaggc ctitacatta tccatgtcat attgcaaaaag 480  
 aaagagagaa agaacaacac aatgctgctg caattataca tatctgtatg tccatcatta 540  
 ttcatccacc ttctgtgtac cacacttcat atatcataag agtcacttca cgtctggaca 600  
 ttaacaaact ctatcttaac atttagatgc aagagccttt atctcactat aaatgcacga 660  
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<210> 5  
 <211> 72  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polynucleotide

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<210> 6  
 <211> 919  
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 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polynucleotide

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 tacgcttcca gtaacctccg tctcgagta gtagaagaga atagcagata agtatcaaca 120  
 catagcataa cccacctggc gatcctctcc ttgtcaccct gtgagagagc gaacaccggg 180  
 ttgtatctgg aagttatctg ggtgtgcttt attaagtcgg ctggtacatc atcctcccat 240  
 aggaggcctt tgcactgagg cgtgtgtggc ctattttcat ttcaccccag ttattccatc 300  
 gaactaaagta gcaacatgta aggagtcagt tttcgagata ccacacaaca ccaattttcc 360  
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 tatctcaaca tcacatgatt ctaaatacaa aacagaaaac cacggctaga agaggacgac 540  
 atctagaggc attgcttttc atgtactaat accttggtta acacattctc taacaaaattg 600  
 gtttgatcc ttcttcaaca atttccacac actacaaggc cagttcaca aagcttaaaag 660  
 cgtgagcatt ggtacaaaac tagttgtggg ctatctttag aaaagggaac acttagtaca 720

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cgaaacgtca cctgtctcaa caacttgcac cttttctggt ggctcgcaaa gtaactttat 780  
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<210> 7  
 <211> 87  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polynucleotide

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 tactcagaag ctggcggctg gtacaat 87

<210> 8  
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 <212> PRT  
 <213> Homo sapiens

<400> 8  
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 1 5 10

<210> 9  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 9  
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 1 5 10

<210> 10  
 <211> 130  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polypeptide

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 20 25 30  
 Lys Trp Glu Ser Gly Tyr Asn Thr Arg Ala Thr Asn Tyr Asn Ala Gly  
 35 40 45

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Asp Arg Ser Thr Asp Tyr Gly Ile Phe Gln Ile Asn Ser Arg Tyr Trp  
50 55 60  
Cys Asn Asp Gly Lys Thr Pro Gly Ala Val Asn Ala Cys His Leu Ser  
65 70 75 80  
Cys Ser Ala Leu Leu Gln Asp Asn Ile Ala Asp Ala Val Ala Cys Ala  
85 90 95  
Lys Arg Val Val Arg Asp Pro Gln Gly Ile Arg Ala Trp Val Ala Trp  
100 105 110  
Arg Asn Arg Cys Gln Asn Arg Asp Val Arg Gln Tyr Val Gln Gly Cys  
115 120 125  
Gly Val  
130